BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 500000.00

Name of Work: Providing street sign boards to main and cross roads of kodigehalli in ward no. 8

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. Page No. 141 / Item No. 19.1/ PWD SR 2015-16								
	At main and cross roads		50	0.6	0.6	0.80	14.40	83.16	1198.00
	Basic Rate	77.00							
	Area Weightage @ 8%	6.16							
	Total	83.16							
2	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.133 of PWDSR 2015-16)								
			Vide Item No. 1				14.40	78.97	1137.00
	Average weight of earth 1.28 tonne / kg for 2x1.28x2.00=5.12	5.12							
	Add loading and unloading charges Vide item no.17.1 P.no.133	68.00							
		73.12							
	Area Weightage @ 8%	5.85							
	Total	78.97							
3	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220 kgs with 40mm and down size graded granite metal coarse aggregates @ 0.892cum and fine aggregares @ 0.465 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2. No. 12/ Item No. 4.2/ PWD SR 2015-16								
	for Sign Boards		50	0.60	0.60	0.20	3.60		
							3.60	5236.92	18853.00
	Basic Rate	4849.00							
	Area Weightage @ 8%	387.92							
	Total	5236.92							
4	KSRB- 4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.64 cum and fine aggregares @ 0.43 cum with superplastisiser @ 3lts confirming to IS9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, specification. No. KBS 4.1,4.2, No. 12/ Item No. 4.5/ PWD SR 2015-16								
	for Sign Boards		50	0.60	0.60	0.60	10.80		
							10.80	5991.84	64712.00
	Basic Rate	5548.00							
	Area Weightage @ 8%	443.84							
	Total	5991.84							
5	Supplying of MS steel name boards as per approved design and specification complete with all leads and lifts as per the direction of the Engineer-in-charge of the work (Data rate approved)								
		No.	50				50.00		
							50.00	5203.00	260150.00

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
6	KSRB- 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. (Item No. 15.74, P. 120/ PWD SR 2015-16)								
	sides of face board	2	50	0.45	0.45		10.12		
	cylindrical pole	1	50	2.40	0.31		37.68		
	side of board, alround	1	50	1.80	0.05		4.50		
							52.30	85.32	4462.00
	Basic Rate	79.00							
	Area Weightage @ 8%	6.32							
	Total	85.32							
7	KSRB- 15-18.1 : Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after thoroughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, laour complete as per specifications. (Item No. 15.73, P. 120/ PWD SR 2015-16)								
	Quantity vide item no. 6						52.30		
							52.30	30.24	1582.00
	Basic Rate	28.00							
	Area Weightage @ 8%	2.24							
	Total	30.24							
8	KSRRBM800-9: Painting new letter and figures of any shade with synthetic enamel paint black or nay other approved colour to give an even shade complete as per specifications ("ii) Hindi (Matras commas and the like not to be measured and paid for half letter shall be counted as half) . (P. 181, I. 24.9, SR 2015-16)								
	Sign Boards - new ones	cm	50	750.00			37500.0		
	Sign Boards - old ones	cm	201	750.00			150750.0		
							188250.0	0.76	142317.00
	Basic Rate	0.70							
	Area Weightage @ 8%	0.06							
	Total	0.76							
9	Sub Total								494411.00
10	QC Charges @ 1%								4944.00
11	Miscellaneous charges								645.00
								Total	500000.00

(Rupees Five Lakhs Only)

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2015-16 and Approved Rates.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

14/12/15

Assistant Engineer
Ward 8, Kodigehalli

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP

Executive Engineer
Byatarayanapura Division
BBMP

Assistant Executive Engineer
Kodigehalli Sub Division.
Yelahanka Zone, B.B.M.P
Bangalore

ADMINISTRATIVE APPROVAL

Accorded For Rs. Five lakhs only

Head of A/c. P-1771.

Div. Ref. No. 186 Date. 14.12.15

AE

EE(BTP)

14/12

TECHNICAL SANCTION

Accorded For Five lakhs only

Head of A/c P-1771

Div. Ref. No. 195 Date. 14.12.15

AE

EE(BTP)

14/12